

## DEP Algal Taxonomy Summary Report

Date Reported: 11-AUG-2023

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2023-07-10-12

Collector: Victoria Schwartz, Denver Bourassa

Event ID: CEN-DIST-2023-08-08-02

Date Collected: 8/7/2023 9:30:00 AM

LIMS Sample ID: 2429257

Date Received: 8/8/2023 10:00:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Park Lake-W Shore

Sample Preservation: ICE

Field ID: HABCE0195

Analyst:

Sample Notes: The dominant taxon was *Microcystis aeruginosa*. The sample water was clear with specks. Diatoms were present. The algae appeared alive and healthy.

**Result:** The dominant taxon was *Microcystis aeruginosa*.

| Other Taxa Present: | Toxin Potential * | Cells/mL |
|---------------------|-------------------|----------|
|---------------------|-------------------|----------|

### Cyanophyceae

|                                 |              |  |
|---------------------------------|--------------|--|
| <i>Aphanocapsa sp.</i>          | Undetermined |  |
| <i>Microcystis wesenbergii</i>  | Yes          |  |
| <i>Microcystis aeruginosa</i>   | Yes          |  |
| <i>Dolichospermum sp.</i>       |              |  |
| <i>Aphanizomenon flosaquae</i>  | Yes          |  |
| <i>Planktolyngbya limnetica</i> |              |  |
| <i>Planktolyngbya lacustris</i> |              |  |

### Chlorophyceae

|                                       |  |  |
|---------------------------------------|--|--|
| <i>Dictyosphaerium ehrenbergianum</i> |  |  |
| <i>Scenedesmus quadricauda</i>        |  |  |
| <i>Staurastrum sp.</i>                |  |  |

\* Information based on literature searches and personal communication; information is continually being updated. "Undetermined" refers to specimens for which the lowest practical level of taxonomic identification is genus and some, but not all, species within that genus have the potential to produce toxins or toxin information not available for the identified species but is available for genus level.